## EAST Search History

| Ref# | Hits | Search Query   | DBs                          | Default<br>Operator | Plurals | Time Stamp          |
|------|------|--|------------------------------|---------------------|---------|---------------------|
| L1   | 612  | ((poly\$1acrylic poly<br>\$1acrylate poly<br>\$1methacrylic poly<br>\$1acrylate) same salt) and<br>(sizing with agent)                           | US-PGPUB;<br>USPAT           | OR                  | ON      | 2008/03/13<br>14:13 |
| L2   | 46   | ((poly\$1acrylic poly<br>\$1acrylate poly<br>\$1methacrylic poly<br>\$1acrylate) same salt)<br>same (sizing with agent)                          | US-PGPUB;<br>USPAT           | OR                  | ON      | 2008/03/13<br>14:14 |
| L3   | 85   | ((poly\$1acrylic poly<br>\$1acrylate poly<br>\$1methacrylic poly<br>\$1acrylate) same salt)<br>same (sizing with agent)                          | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/03/13<br>14:36 |
| L4   | 8    | ("3123588").PN. OR<br>("3929740").URPN.  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | OFF     | 2008/03/13<br>14:48 |
| L5   | 1897 | ((poly\$1acrylic poly<br>\$1acrylate poly<br>\$1methacrylic poly<br>\$1acrylate) same salt)<br>same ((sizing with agent)<br>size sizing)         | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/03/13<br>14:49 |
| L6   | 154  | ((poly\$1acrylic poly<br>\$1acrylate poly<br>\$1methacrylic poly<br>\$1acrylate) same salt)<br>same ((sizing with agent)<br>sizing)              | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/03/13<br>14:49 |
| L7   | 11   | ((poly\$1acrylic poly<br>\$1acrylate poly<br>\$1methacrylic poly<br>\$1acrylate) same salt)<br>same ((sizing with agent)<br>sizing) and siloxane | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/03/13<br>15:09 |
| L8   | 3    | (((poly\$1acrylic poly<br>\$1acrylate poly<br>\$1methacrylic poly<br>\$1acrylate) same salt)<br>same sizing) and poly<br>\$1siloxane             | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/03/13<br>15:11 |
| L9   | 139  | ((silicon with dioxide) and poly\$1siloxane) and ((sizing with agent) sizing)  | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2008/03/13<br>15:13 |

| L10        | 138   | (silicon with dioxide) and poly\$1siloxane and (protective with colloid)  | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/03/13<br>15:15 |
|------------|-------|---|------------------------------|----|-----|---------------------|
| L11        | 132   | (silicon with dioxide) and poly\$1siloxane and (protective with colloid) and size   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/03/13<br>15:39 |
| L12        | 6     | (silicon with dioxide) and poly\$1siloxane and (protective with colloid) and sizing   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/03/13<br>15:40 |
| L13        | 44    | (silicon with dioxide) and poly\$1siloxane and (protective with colloid) and foam   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/03/13<br>15:41 |
| L14        | 49    | (silicon with dioxide) and poly\$1siloxane and (dynamic with viscosity)   | US-PGPUB;<br>USPAT;<br>USOCR | OR | ON  | 2008/03/13<br>16:03 |
| L15        | 1     | ("5710207").PN.   | US-PGPUB;<br>USPAT           | OR | OFF | 2008/03/13<br>16:29 |
| S1         | 37531 | (((methacrylic acrylic) same acid)(methacrylate acrylate)) and (methacrylonitrile acrylonitrile (vinyl with nitrile) (vinyl with cyanide)) and (acrylamide methacrylamide)  | US-PGPUB;<br>USPAT           | OR | ON  | 2008/02/11<br>11:54 |
| <b>S</b> 2 | 4244  | (((methacrylic acrylic) same acid)(methacrylate acrylate)) and (methacrylonitrile acrylonitrile (vinyl with nitrile) (vinyl with cyanide)) and (acrylamide methacrylamide) and (polysiloxane silicone siloxane) and (silicon same \$20xide)                         | US-PGPUB;<br>USPAT           | OR | ON  | 2008/02/11<br>11:55 |
| S3         | 4022  | (((methacrylic acrylic) same acid)(methacrylate acrylate)) and (methacrylonitrile acrylonitrile (vinyl with nitrile) (vinyl with cyanide)) and (acrylamide methacrylamide) and (polysiloxane silicone siloxane) and (silicon same \$20xide) and (aqeuous water h2o) | US-PGPUB;<br>USPAT           | OR | ON  | 2008/02/11<br>11:55 |

| 55  | 313  | (((methacrylic acrylic) same acid)(methacrylate acrylate)) and (methacrylonitrile acrylonitrile (vinyl with nitrile) (vinyl with cyanide)) and (acrylamide methacrylamide) and (polysiloxane silicone siloxane) and (silicon same \$20xide) and (aqeuous water h2o) and (methacrylate acrylate with ester) and textile                    | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>11:57 |
|---|------|---|--------------------|----|----|---------------------|
| 96  | 3305 | (((methacrylic acrylic) same acid)(methacrylate acrylate)) and (methacrylonitrile acrylonitrile (vinyl with nitrile) (vinyl with cyanide)) and (acrylamide methacrylamide) and (polysiloxane silicone siloxane) and (silicon same \$20xide) and (aqeuous water h2o) and (methacrylate acrylate with ester) and (textile fabric polyester) | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>11:59 |
| . https://www.mannen.nen.nen.nen.nen.nen.nen.nen.nen.ne | 832  | (((methacrylic acrylic) same acid) (methacrylate acrylate)) and (methacrylonitrile acrylonitrile (vinyl with nitrile) (vinyl with cyanide)) and (acrylamide methacrylamide) and (polysiloxane silicone siloxane) and (silicon same \$20xide) and (aqeuous water h2o) and (methacrylate acrylate with ester) and (textile fabric)          | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>11:59 |

| <b>S</b> 8 | 303   | (((methacrylic acrylic) same acid)(methacrylate acrylate)) and (methacrylonitrile acrylonitrile) and (acrylamide methacrylamide) and (polysiloxane silicone siloxane) and (silicon same \$20xide) and (aqeuous water h2o) and (methacrylate acrylate with ester) and textile | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:01 |
|------------|-------|--|--------------------|----|----|---------------------|
| S9         | 14318 | (((((methacrylic acrylic)<br>same acid)(methacrylate<br>acrylate)) and<br>(methacrylonitrile<br>acrylonitrile) and<br>(acrylamide<br>methacrylamide)) same<br>copolymer  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:30 |
| S10        | 9029  | ((((methacrylic acrylic) same acid)(methacrylate acrylate)) and (methacrylonitrile acrylonitrile) and (acrylamide methacrylamide)) with copolymer  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:30 |
| S11        | 6049  | ((((methacrylic acrylic) same acid)(methacrylate acrylate)) with (methacrylonitrile acrylonitrile) with (acrylamide methacrylamide)) with copolymer  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:30 |
| S12        | 978   | ((((((methacrylic acrylic) same acid)(methacrylate acrylate)) with (methacrylonitrile acrylonitrile) with (acrylamide methacrylamide)) with copolymer) and textile   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:30 |
| S13        | 9549  | (methacrylic with acid)<br>with methacrylonitrile  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:39 |
| S14        | 8706  | ((methacrylic with acid)<br>with methacrylonitrile) and<br>copolymer   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:40 |

| S15  | 838   | ((methacrylic with acid)<br>with methacrylonitrile) and<br>copolymer and textile  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:40 |
|------|-------|---|--------------------|----|----|---------------------|
| S16  | 6325  | ((methacrylic with acid)<br>with methacrylonitrile)<br>with methacrylate  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:40 |
| S17  | 493   | (((methacrylic with acid) with methacrylonitrile) with methacrylate) and textile  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:41 |
| S18  | 2210  | ((methacrylic with acid) with methacrylonitrile) with copolymer   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:46 |
| S19  | 266   | (((methacrylic with acid) with methacrylonitrile) with copolymer) and textile   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>12:46 |
| S20  | 486   | 8/115.51.cor.   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>15:52 |
| S21  | 289   | 8/115.51.cor. and (acryl\$8 methacryl\$8)   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>15:55 |
| S22  | 21549 | ((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with (acrylamide methacrylamide)   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:12 |
| S23  | 2668  | (((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with (acrylamide methacrylamide)) and textile                                       | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:12 |
| S24  | 3589  | (((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with (acrylamide methacrylamide)) and (silicon same \$20xide)                       | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:13 |
| \$25 | 2124  | ((((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with (acrylamide methacrylamide))) and textile and (treatment finish \$4)          | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:14 |
| S26  | 40    | ((((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile)) with<br>(acrylamide<br>methacrylamide))) same<br>(tri\$1block multi\$1block) | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:21 |

| S27 | 352  | ((((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with (acrylamide methacrylamide))) same (tri\$1block multi\$1block random alternating)               | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:23 |
|-----|------|---|--------------------|----|----|---------------------|
| S28 | 49   | (((((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with (acrylamide methacrylamide))) same (tri\$1block multi\$1block random alternating)) and textile | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:24 |
| S29 | 2668 | (((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile)) with<br>(acrylamide<br>methacrylamide)) and<br>textile  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:31 |
| S30 | 2574 | (((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with (acrylamide methacrylamide)) and polysiloxane  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:31 |
| S31 | 6188 | (((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with (acrylamide methacrylamide)) with copolymer  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:32 |
| S32 | 901  | (((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with (acrylamide methacrylamide)) with ammonium   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:32 |
| S33 | 128  | ((((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile)) with<br>(acrylamide<br>methacrylamide)) with<br>ammonium) and textile                          | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:35 |
| S34 | 279  | (((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile)) with<br>ammonium) and textile   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:38 |

| <b>S</b> 35 | 35762 | (acryl\$4 methacryl\$4) and (acrylonitrile methacrylonitrile) and ((acryl\$4 methacryl\$4) with alkyl)   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:47 |
|-------------|-------|--|--------------------|----|----|---------------------|
| S36         | 11761 | ((acryl\$4 methacryl\$4) and<br>(acrylonitrile<br>methacrylonitrile) and<br>((acryl\$4 methacryl\$4)<br>with alkyl)) with copolymer  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:47 |
| S37         | 1461  | (((acryl\$4 methacryl\$4)<br>and (acrylonitrile<br>methacrylonitrile) and<br>((acryl\$4 methacryl\$4)<br>with alkyl)) with<br>copolymer) and textile   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:48 |
| S38         | 21025 | (acryl\$4 methacryl\$4) and (acrylonitrile methacrylonitrile) and ((acryl\$4 methacryl\$4) with alkyl) and (polymer with composition)  | US-PGPUB;<br>USPAT | OR |    | 2008/02/11<br>16:52 |
| S39         | 6905  | (((acryl\$4 methacryl\$4)<br>and (acrylonitrile<br>methacrylonitrile) and<br>((acryl\$4 methacryl\$4)<br>with alkyl)) with<br>copolymer) and (polymer<br>with composition)                     | US-PGPUB;<br>USPAT | OR |    | 2008/02/11<br>16:53 |
| S40         | 1008  | (((acryl\$4 methacryl\$4)<br>and (acrylonitrile<br>methacrylonitrile) and<br>((acryl\$4 methacryl\$4)<br>with alkyl)) with<br>copolymer) and (polymer<br>with composition) and<br>textile      | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:53 |
| S41         | 1161  | (((acryl\$4 methacryl\$4)<br>and (acrylonitrile<br>methacrylonitrile) and<br>((acryl\$4 methacryl\$4)<br>with alkyl)) with<br>copolymer) and (polymer<br>with composition) and<br>polysiloxane | US-PGPUB;<br>USPAT | OR | ON | 2008/02/11<br>16:56 |

| S42 | 234   | (((acryl\$4 methacryl\$4)<br>and (acrylonitrile<br>methacrylonitrile) and<br>((acryl\$4 methacryl\$4)<br>with alkyl)) with<br>copolymer) and (polymer<br>with composition) and<br>polysiloxane and textile | US-PGPUB;<br>USPAT | OR | ON  | 2008/02/11<br>16:56 |
|-----|-------|--|--------------------|----|-----|---------------------|
| S43 | 512   | (acryl\$4 methacryl\$4) and (acrylonitrile methacrylonitrile) and ((acryl\$4 methacryl\$4) with alkyl) and (polymer with composition) and polysiloxane and textile   | US-PGPUB;<br>USPAT | OR | ON  | 2008/02/11<br>16:59 |
| S44 | 646   | (polymer with composition) and polysiloxane and textile and ((acryl\$4 methacryl\$4) with (acrylonitrile)  | US-PGPUB;<br>USPAT | OR | ON  | 2008/02/11<br>17:08 |
| S45 | 1     | ("5667848").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2008/02/11<br>17:16 |
| S46 | 1     | ("20040024112").PN.  | US-PGPUB;<br>USPAT | OR | OFF | 2008/02/11<br>17:19 |
| S47 | 390   | (polymer with composition) and polysiloxane and textile and ((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) and (size sizing)   | US-PGPUB;<br>USPAT | OR | ON  | 2008/02/11<br>17:23 |
| S48 | 7482  | ((acrylic adj acid) same<br>acrylonitrile same acrylate)<br>with copolymer   | US-PGPUB;<br>USPAT | OR | ON  | 2008/02/11<br>17:29 |
| S49 | 6855  | (((acrylic adj acid) with acrylonitrile) with acrylate) with copolymer   | US-PGPUB;<br>USPAT | OR | ON  | 2008/02/11<br>17:29 |
| S50 | 84    | ((((acrylic adj acid) with acrylonitrile) with acrylate) with copolymer) and textile and polysiloxane  | US-PGPUB;<br>USPAT | OR | ON  | 2008/02/11<br>17:29 |
| S51 | 75334 | ((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile))   | US-PGPUB;<br>USPAT | OR | ON  | 2008/02/13<br>17:05 |
| S52 | 43382 | ((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile)) with<br>copolymer\$5  | US-PGPUB;<br>USPAT | OR | ON  | 2008/02/13<br>17:05 |

| S53 | 5318  | (((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile)) with<br>copolymer\$5) and<br>polysiloxane  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/13<br>17:06 |
|-----|-------|--|--------------------|----|----|---------------------|
| S54 | 663   | (((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with copolymer\$5) and polysiloxane and (silicon with dioxide)                               | US-PGPUB;<br>USPAT | OR | ON | 2008/02/13<br>17:06 |
| S55 | 25    | (((acryl\$4 methacryl\$4) with (acrylonitrile methacrylonitrile)) with copolymer\$5) and polysiloxane and (silicon with dioxide) and textile                   | US-PGPUB;<br>USPAT | OR | ON | 2008/02/13<br>17:07 |
| S56 | 10680 | (((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile)) with<br>copolymer\$5) and<br>terpolymer  | US-PGPUB;<br>USPAT | OR | ON | 2008/02/13<br>17:09 |
| S57 | 1314  | (((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile)) with<br>copolymer\$5) and<br>terpolymer and textile                                    | US-PGPUB;<br>USPAT | OR | ON | 2008/02/13<br>17:10 |
| S58 | 282   | (((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile)) with<br>copolymer\$5) and<br>terpolymer and textile and<br>polysiloxane                | US-PGPUB;<br>USPAT | OR | ON | 2008/02/13<br>17:10 |
| S59 | 305   | (((acryl\$4 methacryl\$4)<br>with (acrylonitrile<br>methacrylonitrile)) with<br>\$2polymer\$5) and<br>terpolymer and textile and<br>polysiloxane               | US-PGPUB;<br>USPAT | OR | ON | 2008/02/13<br>17:13 |
| S60 | 191   | ((((acrylate methacrylate) with (acrylonitrile methacrylonitrile)) with (acrylic methacrylic)) with \$2polymer\$5) and terpolymer and textile and polysiloxane | US-PGPUB;<br>USPAT | OR | ON | 2008/02/13<br>17:15 |

3/13/2008 4:31:39 PM

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